M. A. R. 57 (Rule 116)

Measurement Book

No. B

1st & final Bill

Serial No. .....

416144

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Construction of Bengaluru one office to two office multipurpose buildings in ward No.13, Shetty halli.						
	Name of Agency :- M/s Benaka Developers & projects pvt Ltd.						
	Estimate Cost :- Rs. 50. Lakhs						
	Work order No :- EE/DD/WO/32/17-18 Date: 21.08.2017.						
	Measurement recorded on :- 30.6.2018						
	Item No: 1 Earthwork excavation for foundation of building water sanitary lines & electrical conduits either in pits or in trenches 1.5 m & above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom & sides of pits & trenches, stacking the excavated soil clear						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	from edges of excavation with lead upto 50m Complete as Per Specifications. (P.No. 5 item No. 2.4).					after breaking of clods	
	Pre-Measurement recorded on vide Page No. 416129/2 of this MB					140.40	m^3
	@ by Executed beyond tender Quantity upto 125%					139.18	
	@ by Executed over & above 125% of sanctioned					1.22	
	@ by					140.40	m^3
	@ TR					299.98	" 42117.19/=
	Item No: 2 KSR 04-1.3:- Providing & laying in plain Cement Concrete 1:3:6 with 40 mm & down Size graded granite metal coarse aggregates @ 0.85 cm and fine aggregates @ 0.57 cm machine mixed, machine mixed Concrete laid layers not exceeding 15 Cms. thick well Compacted, in foundation & plinth including Cost of all materials, labour, Curing Complete as Per Specifications (P.No)						

M. A. R. 57 (Rule 116)

Measurement Book

No. B

416145

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost of all materials, labour, Hom of machinery, curing Complete as Per Specifications, Specification No. Kes & 4.1, 4.2 (P.No. 12, item No. 4.3)						
	Pre-Measurement recorded on vide page No. 416130/1 of this MB.					43.46	m^3
	@ TR					5159.02	" 224214.62/=
	Item No: 3 providing & Constructing granite/trap/ basalt Size stone masonry in foundation with Cement mortar 1:6 Stones hammered dressed in Courses not less than 20 Cms high, bond stones at two m apart in each course including Cost of all materials, labour, Curing Complete as Per Specifications (P.No)						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pre-Measurement recorded on vide page no. 416131/1 of this MB.					53.26	
	Qty Executed beyond tender quantity upto 125%					43.63	193638.67/=
	Qty Executed over & above 125% of Sanctioned Quantity					9.63	42732.76/=
					@ PR	4438.20	
	Item No:4 Providing & Constructing granite/trap/basalt Stone masonry in basement with Cement mortar 1:6 edges of stones chiselled dressed in Courses not less than 15 cms high bond stones at 1m. apart, in each course including cost of all materials, labour, curing Complete as per specifications (P.No.23 Item No. 5.9)						
	Pre-Measurement recorded on vide page No. 416131/1 of this MB.					~~53.26~~ 40.61	m^3

M. A. R. 57 (Rule 116)
Measurement Book
No. B 416146

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Executed beyond tender Quantity upto 125%				18.28	5305.3	96980.88/=
					22.33	5305.3	118459.92/=
	Item No: 5 providing ruled Pointing to Coursed Stone masonry with Cement mortar 1:3 20mm deep, after raking joints to depth of 20mm nicely finishing, including cost of materials, labour, curing Complete as Per Specifications (P.No. 113, Item No. 15.3)						
	Pre-Measurement recorded on vide page no. 416131/2 of this MB.					63.73	m^3
	Qty Executed beyond tender quantity upto 125%				28.43	103.88	2953.31/=
	Qty Executed over & above 125% of sanctioned Qty				35.31	103.88	3668.00/=

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Item NO:6 Providing & laying in Position Plain Cement Concrete of nominal mix 1:2:4 using 20mm & down size graded granite metal machine mixed Concrete laid in layers not exceeding 15 cms thick well Compacted in foundation plinth &c including cost of all materials, labour Hire of machinery, Curing Complete as Per Specifications (P.No. 12, Item No. 4.6)						
	Pre-Measurement recorded on vide page no. 416131/2 of this MB				4.86	m³	
					5767.46	*	28047.73/-
	Item NO:7 Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth Compacting each deposited layers not exceeding 20 cms in after watering with lead upto 50m & lift upto 1.5 m (including) cost of all labour						

M. A. R. 57 (Rule 116)
Measurement Book
No. B
416147

Serial No. ..... From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Complete as Per Specifications (P.No. 6 Item No. 2.10)						
	Pre-Measurement recorded on vide page No. 416133/2 of this MB.				127.90	m^3	
	@ Executed beyond tender quantity upto 125%				70.25	134.62	9457.06/=
	@ Executed over & above 125% of Sanctioned qty				57.65	134.62	7761.01/=
	Item NO:8 Providing & laying in Position reinforced cement Concrete of nominal mix 1:1:5:3 20mm (m20) & down size graded granite metal machine mixed, Concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth & ground floor level for roof slabs, stair case, bicks retaining walls, stairs walls, walls of any thickness						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7	8
	including all attached plinths, Columns, Lintel, Horizontal, Pillars, Sill, Sunshade, String or Facia, Coursed, Rubble Copings, Load Bearing, Cross Walls, Chase windows, Sills, Pillasters etc., including Cost of all materials, Labour, Hire of machinery, Carriage, Curing complete cost for Superstructure (Ref. to Item no. 4.0).						
	Pro-measurement recorded on Qty vide Page no. 4/16/34/1 of this MB.					13.26	m^3
	Pro-measurement recorded on Qty vide Page no. 4/16/35/1 of this MB.					25.08	m^3
	Pro-measurement recorded on Qty vide Page no. 4/16/36/1 of this MB.					2.59	"
	Pro-measurement recorded on Qty vide Page no. 4/16/34/2 of this MB.					1.72	"

Measurement Book No. B

Book No. 416188

Name of Work ..... From ..... To .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
"	2	3	4	5	6	7	8
	Pro-Measurement recorded on Qty vide Page no. 4/16/34/2 of this MB.					19.22	m^3
	Pro-Measurement recorded on Qty vide Page no. 4/16/37/2 of this MB.					1.22	"
	Pro-Measurement recorded on Qty vide Page no. 4/16/39/2 of this MB.					4.50	"
						60.76	m^3
					@ TR	5989.36	3458791.16/=
	Item No:9 Providing & laying in position min pcc mix (1:5:3 (m20)) with 20mm & down						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	mixed well compacted for plain chajja @ 7.5 Cms. Average thickness upto ground floor level including cost of all materials, labour, Hire of machinery specification (P.No. 18 item No. 4.19)						
	Pre-Measurement recorded on Qty vide Page No. 416139/2 of this MB.					7.83 m²	
						@TR 483.36 "	3784.38/=
	Item No:10 Providing & fabricating TMT steel (Cold Twisted) reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever necessary complete as Per design (laps & wastage shall not measured and paid) Cost of materials, labour, Hire of machinery Complete as Per specification (Chap-17, Item No. 1.1.6) Fe 550.						

Measurement Book (Rule 116) No. B

416149

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Pre-Measurement recorded on Qty vide page No. 416130/2 of this MB.					1104.08	Tonne
	Pre-Measurement recorded on Qty vide page No. 416132/1 of this MB.					1442.12	"
	Pre-measurement recorded on Qty vide page no. 416133/2 of this MB.					2656.90	"
	Pre-measurement recorded on Qty vide page No. 416134/2 of this MB.					382.76	"

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